Amendments to the Specification

Please correct the specification as follows :

Page 6, change second full paragraph from:

Figure 2 is a schematic representation of an interactive irrigation system according to the present invention. The distal computer 10 of Figure 1 is interactively connected to an irrigation controller 20 at a user's location 32 via the first communication system 1. The first communication system 1 is preferably an Internet system, but may alternatively or additionally comprise some other type of communication system such as a telephone system, a radio system, a pager system, two-way pager system, or any other suitable system. An irrigation controller interface 22 is provided for coupling the irrigation controller 20 to the network connection device 13. The network connection device 13 can be a network computer, a personal computer, a cable television box, or any other suitable connection device. Information is preferably transmitted between the irrigation controller interface 22 and the network connection device 13 through a serial communication channel 21.

To:

C1

Figure 2 is a schematic representation of an interactive irrigation system according to the present invention. The distal computer 10 of Figure 1 is interactively connected to an irrigation controller 20 at a user's location 32 via the first communication system 1. The first communication system 1 is preferably an Internet system, but may alternatively or additionally comprise some other type of communication system such as a telephone system, a radio system, a pager system, two-way pager system, or any other suitable

system. An irrigation controller interface 21 is provided for coupling the irrigation controller 20 to the network connection device 13 via a serial communications 22. The network connection device 13 can be a network computer, a personal computer, a cable television box, or any other suitable connection device. Information is preferably transmitted between the irrigation controller interface 21 and the network connection device 13 through a serial communication channel 22.

Page 6, change third full paragraph from:

The first communication system 1 permits the distal computer 10 to transmit control information to the irrigation controller 20. The control information may include irrigation start times 24, irrigation run times 25, and contingency rules that prevent the irrigation controller 20 from operating upon detection of one or more problem conditions. The control information is preferably derived from information inputted, received and/or stored in the distal computer 10. The first communication system 1 also permits the irrigation controller 20 to transmit irrigation information to the distal computer 10. Such information may advantageously include irrigation water flow data 26 and water pressure data 27 (See also Figure 3).

To:

The first communication system 1 permits the distal computer 10 to transmit control information to the irrigation controller 20. The control information may include irrigation start times 24, irrigation run times 25, and contingency rules that prevent the irrigation controller 20 from operating upon detection of one or more problem conditions. The control information is preferably derived from information inputted, received and/or stored in the distal

computer 10. The first communication system 1 also permits the irrigation controller 20 to transmit irrigation information to the distal computer 10. Such information may advantageously include irrigation water flow data 26 and water pressure data 27, which may be displayed on the monitor 30 of the distal computer 10.

Page 8, change third full paragraph from:

In Figure 3 an irrigation controller 20 generally includes a microprocessor 220, an on-board memory 210, some manual input devices 230 through 232 (buttons and/or knobs), preferably an irrigation user keypad 233 for entering irrigation identifying information, an input/output (I/O) circuitry 221 connected in a conventional manner, a display screen 250, electrical connectors 260 which are connected to a plurality of irrigation stations 270 and a power supply 280, a rain detection device 291, a flow sensor 26, and a pressure sensor 27. Each of these components by itself is well known in the electronic industry, with the exception of the programming of the microprocessor in accordance with the functionality set forth herein.

To:

In Figure 3 an irrigation controller 20 generally includes a microprocessor 220, an on-board memory 210, some manual input devices 230 through 232 (buttons and/or knobs), preferably an irrigation user keypad 233 for entering irrigation identifying information, an input/output (I/O) circuitry 221 connected in a conventional manner, a display screen 250, electrical connectors 260 which are connected to a plurality of irrigation stations 270 and a power supply 280, a rain detection device 291, a flow sensor 31, and a pressure sensor 32. Each of these components by itself is well known in the electronic industry, with the exception of the
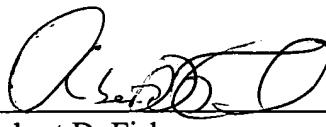
programming of the microprocessor in accordance with the functionality set forth herein.

Respectfully submitted,

Rutan & Tucker, LLP

Dated: __November 7, 2003__   By: _____

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